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## PATENT ABSTRACTS OF JAPAN

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### (54) LOOSE PREVENTION DEVICE FOR ROTOR OF MOTOR

#### (57)Abstract:

**PURPOSE:** To prevent the loose of a rotor when impact is applied from the outside by providing a loose prevention member for the rotor comprised so as to provide a gap between the rotor in the motor axial direction of the rotor.

**CONSTITUTION:** A motor is mounted on a frame so that the rotor 131 can be prevented losing from bearings 128, 129 by the impact from the outside, and a screw 138 for rotor 131 loose prevention is mounted on the frame after the position of the rotor 131 is adjusted. The screw 138 is provided with an appropriate gap between a magnet 131a for rotating speed detection, and is mounted on the frame so as to prevent the rotor 131 coming in contact with the screw 138 while it is rotated. Also, the screws are provided at two places. Thereby, it is possible to prevent the rotor 131 from losing by receiving the rotor 121 with the head of the screw 138 when the impact is applied to the rotor 131.

